

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S3	15470	(beam adj forming) or beam\$forming	US-PGPUB; USPAT	AND	ON	2007/03/19 18:11
S2	48	(US-20030039446-\$ or US-20030068114-\$ or US-20030091097-\$ or US-20030197918-\$ or US-20050013612-\$ or US-20050047702-\$ or US-20050047739-\$).did. or (US-6118565-\$ or US-6532326-\$ or US-6757463-\$ or US-6856737-\$ or US-6867904-\$ or US-5438445-\$ or US-5541756-\$ or US-5825517-\$ or US-5805755-\$ or US-5191626-\$ or US-5521733-\$ or US-5987040-\$ or US-6052497-\$ or US-6160931-\$ or US-5963567-\$ or US-6215568-\$ or US-6226111-\$ or US-5408350-\$ or US-5424559-\$ or US-5557627-\$ or US-5737106-\$ or US-5841929-\$ or US-5926496-\$ or US-5973316-\$ or US-6009115-\$ or US-6052238-\$). did. or (US-6075915-\$ or US-4904858-\$ or US-4978842-\$ or US-5274487-\$ or US-5404240-\$ or US-5450224-\$ or US-5504824-\$ or US-5526155-\$ or US-5559624-\$ or US-5600743-\$ or US-5604734-\$ or US-5617249-\$ or US-5698848-\$ or US-5718226-\$ or US-5724165-\$). did.	US-PGPUB; USPAT	AND	ON	2007/03/19 18:11
S4	1	10/786721.app.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/19 18:30
S6	2	"6819875".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/20 10:39

## EAST Search History

S5	1	antenna S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/20 10:39
S7	12	("5274496"   "5440418"   "5500756"   "5812289"   "5923453"   "6023366"   "6064501"   "6229631"   "6292289"   "6466348").PN. OR ("6819875").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/20 11:07
S8	0	10/457527.app.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/20 11:24
S9	318	398/203-206.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/20 11:35
S12	1163	372/32.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/20 14:19
S11	830	359/326.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/20 14:19
S14	62	("20010038313" "20020021464" "20 020122615" "20030003961" "20030 080898" "20030089843" "20030090 767" "20030197917" "20030227629 " "20040120638" "20040264977" "2 0050013612" "4028702" "4296319" "5001336" "5153762" "5379309" "5 383198" "5404006" "5428814" "550 4774" "5577057" "5617239" "56257 29" "5687261" "5710651" "5723856 " "5777778" "5796506" "5859611" " 5861845" "5917179" "5917970" "59 29430" "5930031" "5933113" "5999 128" "6027254" "6061369" "617803 6" "6188808" "6195187" "6215592"  "6262681" "6348890" "6388787" " 6452546" "6580532" "6591026" "66 43299" "6724523" "6724783" "6731 829" "6852556" "6867904" "687298 5" "6940878" "0696607" "7085499"  "0766103").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/20 14:39
S13	503	yap.in.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/20 14:39

## EAST Search History

S10	62	("20010038313" "20020021464" "20020122615" "20030003961" "20030080898" "20030089843" "20030090767" "20030197917" "20030227629" "20040120638" "20040264977" "20050013612" "4028702" "4296319" "5001336" "5153762" "5379309" "5383198" "5404006" "5428814" "5504774" "5577057" "5617239" "5625729" "5687261" "5710651" "5723856" "5777778" "5796506" "5859611" "5861845" "5917179" "5917970" "5929430" "5930031" "5933113" "5999128" "6027254" "6061369" "6178036" "6188808" "6195187" "6215592" "6262681" "6348890" "6388787" "6452546" "6580532" "6591026" "6643299" "6724523" "6724783" "6731829" "6852556" "6867904" "6872985" "6940878" "6966607" "7085499" "70766103").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/20 14:39
S15	52	S14 not S13	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/20 14:40
S16	189	398/162-163.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/20 14:48
S1	1	10/786721.app.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/20 16:39
S18	1	laser S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/20 16:40
S17	2	"5365361".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/20 16:40

## EAST Search History

S20	23147	"398"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/20 19:47
S19	0	"coupler as multiplexer"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/20 19:47
S24	450	S20 S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/20 19:48
S23	1433	coupler adj2 multiplex\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/20 19:48
S22	1118	S20 S21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/20 19:48
S21	4048	coupler near3 multiplex\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/20 19:48
S25	8	("4989201"   "5016242").PN. OR ("5365361").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/20 20:15
S28	9	S20 S26	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/20 20:16
S26	25	modulator tap (feed\$back or loop or (feed adj back)) multiplexer	US-PGPUB; USPAT; USOCR	SAME	ON	2007/03/20 20:19

## EAST Search History

S29	183	modulat\$3 tap\$3 (feed\$back or loop or (feed adj back)) multiplex\$3	US-PGPUB; USPAT; USOCR	SAME	ON	2007/03/20 20:23
S30	35	S20 S29	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/21 15:26
S34	5346	S32 with S33	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/21 15:27
S39	3	S34 S37	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/21 15:28

## EAST Search History

S37	73	(US-20030227629-\$ or US-20040264977-\$ or US-20030003961-\$ or US-20030080898-\$ or US-20030090767-\$ or US-20030197917-\$ or US-20040120638-\$ or US-20050013612-\$ or US-20020021464-\$ or US-20020122615-\$ or US-20010038313-\$ or US-20030089843-\$).did. or (US-4296319-\$ or US-5723856-\$ or US-6872985-\$ or US-5917970-\$ or US-5001336-\$ or US-5577057-\$ or US-6867904-\$ or US-5305134-\$ or US-6852556-\$ or US-5917179-\$ or US-6188808-\$ or US-6940878-\$ or US-4028702-\$ or US-6178036-\$ or US-6061369-\$ or US-5933113-\$ or US-5929430-\$ or US-5999128-\$ or US-0696607-\$ or US-5404006-\$ or US-6591026-\$ or US-5930031-\$ or US-5710651-\$ or US-5861845-\$ or US-5428814-\$ or US-5687261-\$). did. or (US-6724523-\$ or US-6643299-\$ or US-5379309-\$ or US-6262681-\$ or US-7085499-\$ or US-5301053-\$ or US-6023366-\$ or US-6292289-\$ or US-5617239-\$ or US-5153762-\$ or US-6195187-\$ or US-5796506-\$ or US-5504774-\$ or US-5923453-\$ or US-6388787-\$ or US-6724783-\$ or US-5859611-\$ or US-6348890-\$ or US-6731829-\$ or US-0766103-\$ or US-6215592-\$ or US-5383198-\$ or US-6580532-\$ or US-6452546-\$ or US-5625729-\$ or US-5777778-\$ or US-6027254-\$). did. or (US-5365361-\$ or US-7136546-\$ or US-5861975-\$ or US-6341025-\$ or US-6249365-\$ or US-6111681-\$).did. or (US-0696607-\$ or US-0766103-\$). did.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/21 15:28
S36	421	S34 S35	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/21 15:28
S35	15162	"398"/\$.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/21 15:28

## EAST Search History

S38	3	S36 S37	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/21 15:29
S41	37	S32 S40	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/21 15:30
S40	112	398/31.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/21 15:30
S33	1377031	channel\$2	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/21 15:59
S43	1714885	S33 or S42	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/21 17:40
S42	447118	wave\$length\$2 or (wave adj length\$2)	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/21 17:40
S46	40987	photo\$diodes or (photo adj diodes) or PDs	US-PGPUB; USPAT; USOCR	AND	OFF	2007/03/21 17:43
S45	12948	S32 with S43	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/21 17:43
S44	0	S32 with S43 with each	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/21 17:43
S32	239104	photo\$diode\$2 or (photo adj diode\$2) or PD	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/21 17:43
S48	4016	S46 with S43	US-PGPUB; USPAT; USOCR	AND	OFF	2007/03/21 17:44
S49	390	S35 S48	US-PGPUB; USPAT; USOCR	AND	OFF	2007/03/21 18:26
S50	1	"6671079".pn.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/03/22 16:43
S52	393315	(radio adj frequency) or RF	US-PGPUB; USPAT; USOCR	AND	OFF	2007/03/22 16:59
S55	15180	"398"/\$.ccls.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/03/22 17:00

## EAST Search History

S54	2390	S51 with S52 with S53	US-PGPUB; USPAT; USOCR	AND	OFF	2007/03/22 17:00
S53	1618932	convert\$3	US-PGPUB; USPAT; USOCR	AND	OFF	2007/03/22 17:00
S56	27	S54 S55	US-PGPUB; USPAT; USOCR	AND	OFF	2007/03/22 17:01
S57	60	("3569715"   "4700150"   "5343324"   "5379309"   "5400417"   "5495359"   "5532857").PN. OR ("5723856").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/22 20:58
S51	31218	local adj oscillator	US-PGPUB; USPAT; USOCR	AND	OFF	2007/03/22 21:16
S58	142	optical adj local adj oscillator	US-PGPUB; USPAT; USOCR	AND	OFF	2007/03/22 21:44
S59	8	("20020110314" "20020154858" "54 28697" "6137442" "6215592" "6295 149" "6466345" "6839521").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/03/22 21:53
S60	21	demultiplexer with side\$band	US-PGPUB; USPAT; USOCR	AND	OFF	2007/03/24 15:11
L2	0	"7079715".pn. delay\$3	US-PGPUB; USPAT; USOCR	AND	OFF	2007/03/24 15:12
L1	0	"6341025".pn. delay\$3	US-PGPUB; USPAT; USOCR	AND	OFF	2007/03/24 15:12
L8	27	L6 L7	US-PGPUB; USPAT; USOCR	AND	OFF	2007/03/24 15:13
L7	15180	"398"/\$.ccls.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/03/24 15:13
L6	2390	L3 with L4 with L5	US-PGPUB; USPAT; USOCR	AND	OFF	2007/03/24 15:13
L5	1618932	convert\$3	US-PGPUB; USPAT; USOCR	AND	OFF	2007/03/24 15:13
L4	393315	(radio adj frequency) or RF	US-PGPUB; USPAT; USOCR	AND	OFF	2007/03/24 15:13



## EAST Search History

L3	31218	local adj oscillator	US-PGPUB; USPAT; USOCR	AND	OFF	2007/03/24 15:13
L14	1079938	delay\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/24 15:14
L13	4022	L12 with L11	US-PGPUB; USPAT; USOCR	AND	OFF	2007/03/24 15:14
L12	41039	photo\$diodes or (photo adj diodes) or PDs	US-PGPUB; USPAT; USOCR	AND	OFF	2007/03/24 15:14
L11	1716893	L9 or L10	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/24 15:14
L10	447760	wave\$length\$2 or (wave adj length\$2)	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/24 15:14
L9	1378588	channel\$2	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/24 15:14
L15	107	7 13 14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/24 15:15
L16	1	10/786721.app.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/24 18:29
L19	24	slave with laser with pair	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/24 18:34

## EAST Search History

L18	663	slave with laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/24 18:34
L17	1	slave 16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/24 18:34
L20	9	("20030197918"   "20030227629"   "5379309"   "5617239"   "5687261"   "5710651"   "5796506"   "5859611"   "6262681").PN. OR ("6963442").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/24 18:42
L24	3	22 23	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/24 18:43

## EAST Search History

L23	90	(US-20030227629-\$ or US-20040264977-\$ or US-20030003961-\$ or US-20030080898-\$ or US-20030090767-\$ or US-20030197917-\$ or US-20040120638-\$ or US-20050013612-\$ or US-20020021464-\$ or US-20020122615-\$ or US-20010038313-\$ or US-20030089843-\$ or US-20020126644-\$ or US-20020154858-\$ or US-20020097469-\$ or US-20040208583-\$).did. or (US-4296319-\$ or US-5723856-\$ or US-6872985-\$ or US-5917970-\$ or US-5001336-\$ or US-5577057-\$ or US-6867904-\$ or US-5305134-\$ or US-6852556-\$ or US-5917179-\$ or US-6188808-\$ or US-6940878-\$ or US-4028702-\$ or US-6178036-\$ or US-6061369-\$ or US-5933113-\$ or US-5929430-\$ or US-5999128-\$ or US-0696607-\$ or US-5404006-\$ or US-6591026-\$ or US-5930031-\$ or US-5710651-\$ or US-5861845-\$ or US-5428814-\$ or US-5687261-\$). did. or (US-6724523-\$ or US-6643299-\$ or US-5379309-\$ or US-6262681-\$ or US-7085499-\$ or US-5301053-\$ or US-6023366-\$ or US-6292289-\$ or US-5617239-\$ or US-5153762-\$ or US-6195187-\$ or US-5796506-\$ or US-5504774-\$ or US-5923453-\$ or US-6388787-\$ or US-6724783-\$ or US-5859611-\$ or US-6348890-\$ or US-6731829-\$ or US-0766103-\$ or US-6215592-\$ or US-5383198-\$ or US-6580532-\$ or US-6452546-\$ or US-5625729-\$ or US-5777778-\$ or US-6027254-\$). did. or (US-5365361-\$ or US-7136546-\$ or US-5861975-\$ or US-6341025-\$ or US-6249365-\$ or US-6111681-\$ or US-7079715-\$ or US-6671079-\$ or US-7066659-\$ or US-6963442-\$ or US-6535328-\$ or US-6115162-\$ or US-5510927-\$ or US-5450223-\$ or US-6839521-\$ or US-6931213-\$ or US-6661974-\$ or US-6609840-\$ or US-6556322-\$). did. or (US-0696607-\$ or US-0766103-\$).did.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/24 18:43
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## EAST Search History

L22	57281	parallel with (loop or feed\$back or (feed adj back))	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/24 18:43
L21	44205	parallel with loop	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/24 18:43
L26	142	optical adj local adj oscillator	US-PGPUB; USPAT; USOCR	AND	OFF	2007/03/24 20:41
L25	31218	local adj oscillator	US-PGPUB; USPAT; USOCR	AND	OFF	2007/03/24 20:41
L28	30	26 27	US-PGPUB; USPAT; USOCR	AND	OFF	2007/03/24 20:42
L27	50197	de\$multiplex\$3	US-PGPUB; USPAT; USOCR	AND	OFF	2007/03/24 20:42